



Dynamic Management
of the
European Airspace Network

ADR
Data Catalogue

Annex A: Supported Services

Prepared by Guido Van Laethem and Maria Scott
CFMU

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Document Control

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1. Introduction

1.1 Objective

The objective of Annex A of the ADR Data Catalogue is provide a mapping of the ADR data items to the following service domains that the ADR supports, namely:

FPL:	Flight Planning
ATFM:	ATFM Operations
ASM:	Airspace Management
ATS:	Air Traffic Services
DDR:	Traffic Forecasting (Demand Data Repository)
SAFA:	Safety Assessment of Foreign Aircraft. (EASA White list & EU Blacklist).
CRCO:	Central Route Charging. To be completed.

Please see the ADR Service Catalogue document for definitions of service domains.

Please note that this document must be read in conjunction with the main ADR Data Catalogue document.

2. Supported Service Domains

Data Domain	Data Item							
		FPL	ATFM	ASM				
Aerodrome	ICAO Location Indicator.	X	X	X				
	IATA Code	X						
	Aerodrome Name	X		X				
	Location Name	X		X				
	Type of Aerodrome (Aerodrome, Heliport or Both)	X						
	Control Type (civil, military, joint)	X	X	X				
	ARP: Position	X	X	X				
	ARP: Elevation	X						
	Runway directions	X	X					
	Magnetic Variation							
	Runway Configurations	X	X					
	Runway Configuration Activation	X	X					
	Regional Runway Configurations		X					
	Regional Runway Configurations Activation		X					
	Runway Characteristics (PCN Only)							
	Taxi Times: Permanent	X	X	X				
	Taxi Times: Temporary	X	X	X				
	Terminal	X						
	Terminal - Usage	X						
	Associated Units (TWR, APP, ARO etc.)	X	X					
Collocation	X	X	X					
Flight Plan SID/STAR requirement	X							
Significant Point	All Significant Points							
	Identification	X	X	X				
	Name	X	X	X				
	Position	X	X	X				
	Navigation Aid only							
Type	X							
Magnetic Variation	X							

Data Domain	Data Item							
		FPL	ATFM	ASM				
	Operational Status	X						
	RadarPoint only							
	Referenced Aerodrome	X	X	X				
	ReferencePoint only							
	Referenced NavigationAid	X	X	X				
	TerminalPoint only							
	Referenced Runway	X	X					
Route	ATS, TACAN, Polar Track Structure and Conditional Routes only							
	Identifier	X	X	X				
	Name							
	Segment Definition: Vertical Limits, Availability (ATS, CDR, RNAV), FL Series, IType of Flight (GAT, OAT)	X	X	X				
	North Atlantic Tracks only							
	Identifier	X	X	X				
	Segment Definition (Segment, FL Series, Activation)	X	X	X				
Terminal Procedures	All Terminal Procedures: SID, STAR and Approach Procedures							
	Identifier	X	X	X				
	Served Aerodrome	X	X	X				
	Segment Definition or procedure turns	X	X	X				
	Availability	X	X	X				
	Vertical Limits	X	X	X				
	Speed limitations	X	X					
	Usage Limitations (Aircraft Type, Aircraft Equipment)	X	X					
	Approach Procedure only							
	Served STAR	X	X	X				
Flight Restrictions	All Flight Restrictions: RAD (Traffic Flow, DCT, Free Route Airspace), Flight Profile and Aerodrom Connecting Point.							
	Identifier	X	X					
	Applicability	X	X					
	Processing Indicator: (Traffic Flow, DCT, Free Route Airspace, FlightProfile, AD Connecting Points)	X	X					
	Type (mandatory/forbidden)	X	X					

Comment: currently implemented using EURO restriction

Data Domain	Data Item							
		FPL	ATFM	ASM				
	Textual Description	X						
	Operational Goal	X						
	RAD (Traffic Flow, DCT, Free Route Airspace) and Flight Profile.							
	Conditions (conditional flow, DCT limit, FRA Entry/Exit)	X	X					
	Routings	X	X					
	Aerodrome Connecting Points only							
	DCT limit (in NM)	X	X					
	Connecting Segments (Aerodrome to Point)	X	X					
	Flight type limitation	X	X					
	All Airspace types: (Including all below plus Area, AUA, Region not mentioned below.)							
	Location Indicator	X	X	X				
	Airspace Indicator	X	X	X				
	Volume	X	X	X				
	NAS, FIR & UIR only							
	Governing Authority			X				
	Control, Upper Control, Oceanic Control and Terminal Area only							
	Controlling Unit	X	X	X				
	Activation	X	X	X				
	Sector Clusters		X					
	Sector Clusters Composition		X					
	Sector Cluster Configuration		X					
	Sector Cluster Configuration Activation		X					
	Frequency Plan							
	Sector and Sector_C only							
	Owning CTA, UTA, OCA, TMA, CTR		X					
	Owning Cluster		X					
	Referenced Sector Configuration		X					
	Activation (derived from Sector Cluster Configuration)		X					
	Frequency Plan							
	Restricted Airspace: Prohibited, Danger, Restricted, Temporary Reserved, Temporary Segregate							
	Responsible Authority		X	X				
	Availability			X				
	Activation	X	X	X				

Data Domain	Data Item							
		FPL	ATFM	ASM				
	ASM Indicator (Boolean)			X				
	FUA Levels			X				
Organizational Unit.	FMP, FMU, ACC, UAC, OAC, ARO, TWR, APP, AIS, CFMU, RCC, RSC only							
	Location Indicator	X	X	X				
	Owner authority	X	X	X				
	CFSP, AOCC, AOCU, Handling agents and others.							
	Identifier	X	X					
Organizational Authority	All types (Country ANSP, Private, INTL)							
	Identifier	X	X	X				
	Name	X	X	X				
	Country only							
	Special Dates	X	X	X				
Aircraft Type	ICAO Identifier	X	X	X				
	IATA Identifier			X				
	Name			X				
	ICAO Classification	X	X					
	Wake Turbulence Category	X						
	Maximum Take Off Weight	X						
	Generic Flight Performance	X	X					
Traffic Volume	Identifier		X					
	Activation		X					
	Reference location: Airspace, SignificantPoint, Aerodrome Arrival or Aerodrome Departure		X					
	Additional Flows		X					
	Controlling FMP		X					
	Capacity		X					
Regulation	Traffic Volume reference		X					
	Protected Location		X					
	Rate		X					
	Description		X					
	Other Regulation Information		X					
ATFCM	Regulation reference		X					

Data Domain	Data Item							
		FPL	ATFM	ASM				
Scenario	Flight Restriction Reference		X					
	Sector Configuration Activation Reference		X					

3. Glossary of Abbreviations

ADR	Airspace Data Repository
AIRAC	Aeronautical Information Regulation And Control
AIS	Aeronautical Information Services
AIXM	Aeronautical Information Exchange Model
AMC	Airspace Management Cell
ANSP	Air Navigation Service Provider
AO	Aircraft Operator
ASM	Airspace Management
ATFCM	Air Traffic Flow and Capacity Management
ATFM	Air Traffic Flow Management
ATM	Air Traffic Management
ATS	Air Traffic Services
CACD	Central Airspace & Capacity Database
CDR	Conditional Route
CFMU	Central Flow Management Unit
CRCO	Central Route Charges Office
D	Danger Area
DDR	Demand Data Repository
DMEAN	Dynamic Management of European Airspace Network
eAMI	Electronic Airspace Management Information
EAD	European AIS Database
ENV	Environment
FPL	Flight Planning
GAT	General Air Traffic
NOTAM	Notice to Airmen
OAT	Operational military Air Traffic
OI	Operational Improvement
P	Prohibited Area
R	Restricted Area
RAD	Route Availability Document
RCA	Reduced Co-ordination Airspace
TRA	Temporary Reserved Airspace
TSA	Temporary Segregated Area
TWY	Taxiway
UUID	Universally Unique Identifier